Baseline Model 274 Eyes
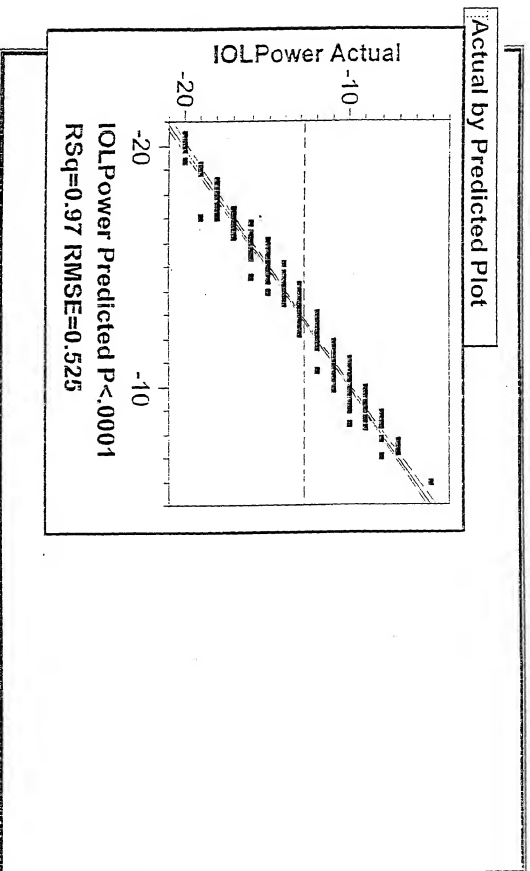

Actual by Predicted Plot

IOLPower Actual

IOLPower Predicted P<.0001
RSq=0.97 RMSE=0.525

Fig. 1

Baseline Model 274 Eyes

Residual by Predicted Plot

IOLPower Residual
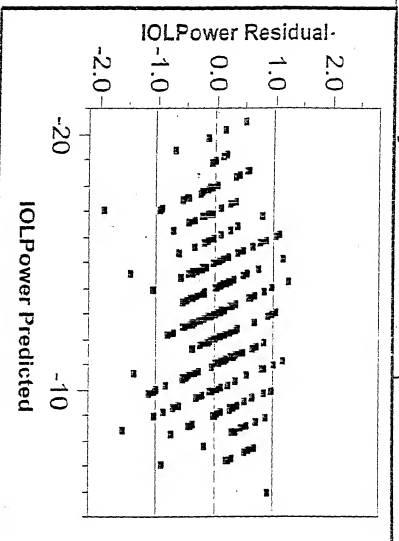
Fig. 2

Model Applied Prospectively 200 New Eyes
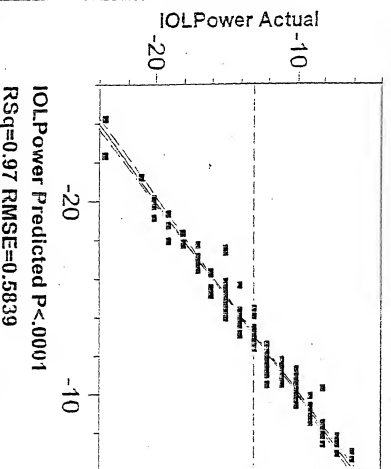

Actual by Predicted Plot Original Model 200 NEW EYES
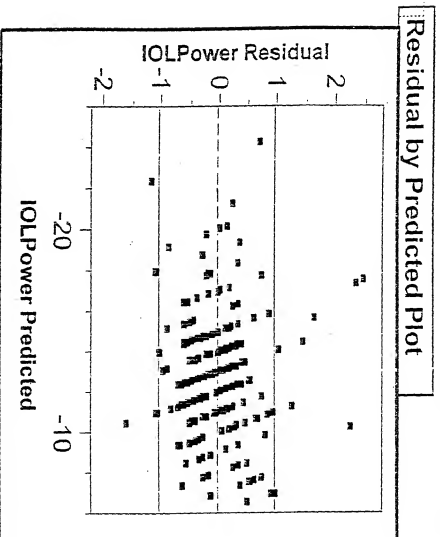
IOLPower Actual

IOLPower Predicted P<.0001
RSq=0.97 RMSE=0.5839

Fig. 3

Model Applied Prospectively
200 New Eyes

Residual by Predicted Plot

Fig. 4

Comparison of Baseline Model 274 with New Model 200

Actual by Predicted Plot

Formula 200 Actual

Formula 200 Predicted P<.0001
RSq=1.00 RMSE=0.1248

Fig. 5

Comparison of Baseline Model 274 with New Model 200

Residual by Predicted Plot

Formula 200 Residual (y-axis): 2.0, 1.5, 1.0, 0.5, 0.0, -0.5, -1.0, -1.5, -2.0

Formula 200 Predicted (x-axis): -26, -24, -22, -20, -18, -16, -14, -12, -10, -8, -6

Fig. 6

Combined Model 474 Eyes

Actual by Predicted Plot

IOLPower Actual

IOLPower Predicted P0.0000
RSq=0.97 RMSE=0.5486

Fig. 7

Combined Model 474 Eyes

Residual by Predicted Plot

IOLPower Residual

IOLPower Predicted
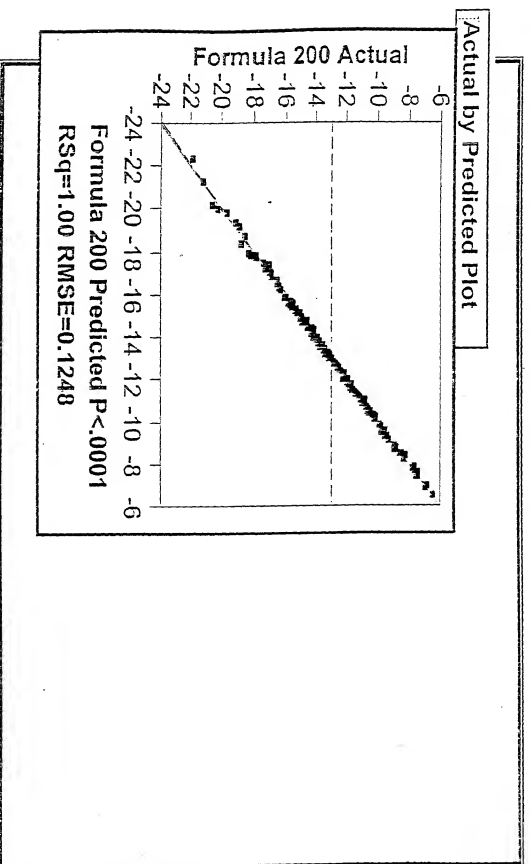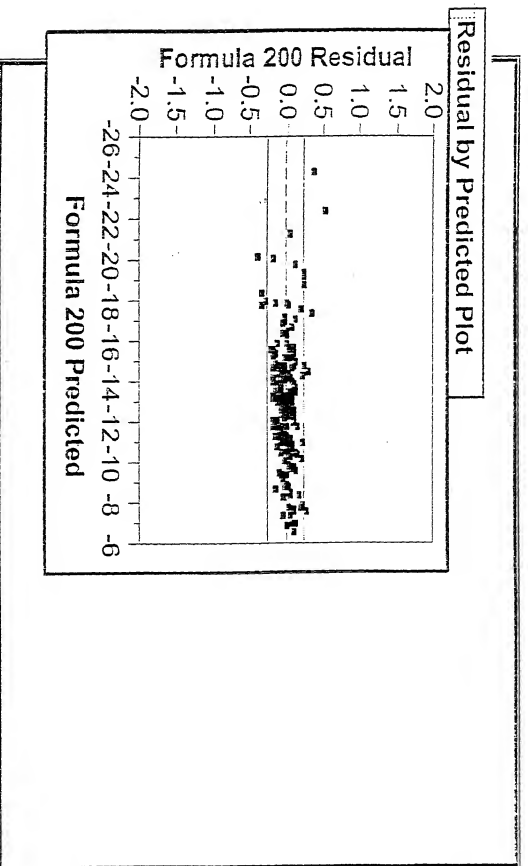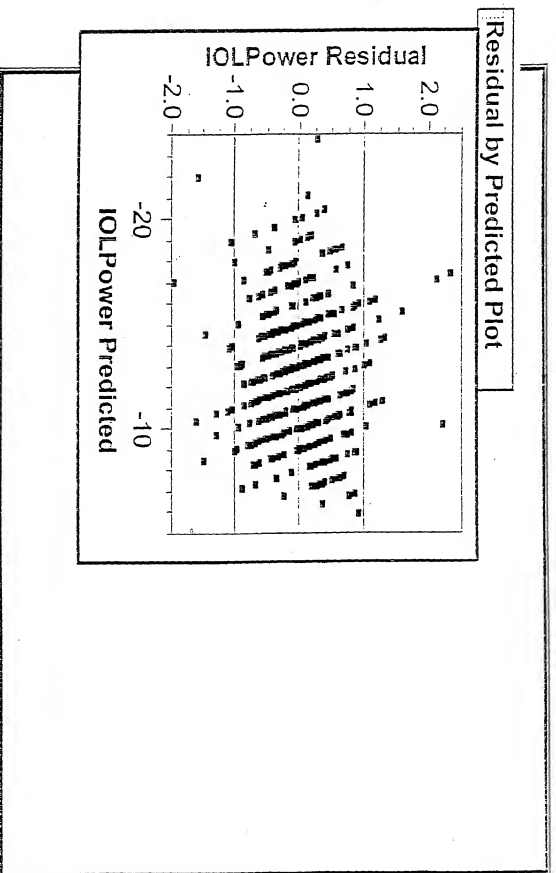
Fig. 8

Van der Heijde Prediction

Actual by Predicted Plot

IOLPower Actual

IOLPower Predicted P<.0001
RSq=0.96 RMSE=0.5955

Residual by Predicted Plot
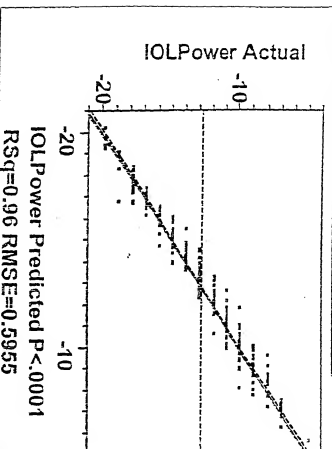
IOLPower Residual

IOLPower Predicted
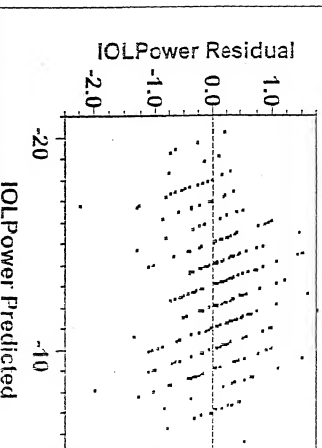
Parameter Estimates

Term	Estimate	Std Error	t Ratio	Prob>|t|
Intercept	-0.555755	0.145512	-3.82	0.0002
CVDHIOLPower072200	0.9527097	0.011074	86.04	<.0001

Fig. 9
(Prior Art)

IOLPower Predicted P0.0000
RSq=0.97 RMSE=0.5115
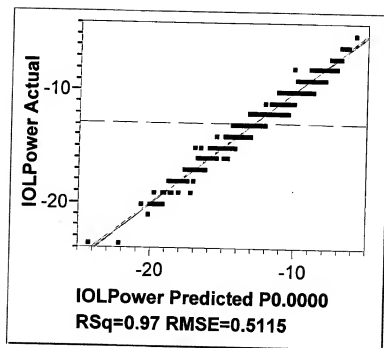
Summary of Fit

RSquare	0.973369
RSquare Adj	0.973309
Root Mean Square Error	0.51155
Mean of Response	-12.7978
Observations (or Sum Wgts)	450

FIGURE 10

FIGURE 11